|   | Index of Claims                                  |          |          |               |           |          |           |          |          |              |                              |            |          | Application No. |                |                     |             |             |            |         |                 |       | Applicant(s) |   |               |          |                 |          |                 |           |  |
|---|--|----------|----------|---------------|-----------|----------|-----------|----------|----------|--------------|------------------------------|------------|----------|-----------------|----------------|---------------------|-------------|-------------|------------|---------|-----------------|-------|--------------|---|---------------|----------|-----------------|----------|-----------------|-----------|--|
|   |  |          |          |               |           |          |           |          |          |              |                              |            |          | ۱,              | 09/901,441     |                     |             |             |            |         |                 |       |              |   | GALAND ET AL. |          |                 |          |                 |           |  |
|   |  |          |          |               |           |          |           |          |          |              |                              |            |          |                 | Examiner       |                     |             |             |            |         |                 |       |              |   | Art Unit      |          |                 |          |                 |           |  |
|   |  |          |          |               |           |          |           |          |          |              |                              |            |          |                 |                |                     |             |             |            |         |                 |       |              |   |               |          |                 |          |                 |           |  |
|   |  |          |          |               |           |          |           |          |          |              |                              |            |          |                 | Hong Cho       |                     |             |             |            |         |                 |       |              |   | 26            | 62       |                 |          |                 |           |  |
|   | · [  |          |          |               |           |          |           |          |          |              |                              |            |          |                 |                | _                   | г           |             |            |         |                 |       | 1            | $\overline{}$                           |               |          |                 |          | _               |           |  |
|   | √ Rejected — — (                                 |          |          |               |           |          |           |          |          | (Thre        | (Through numera<br>Cancelled |            |          |                 |                |                     | N           | No          | on-l       | Elec    | ted             | ı     | A            | Appeal                                  |               |          |                 |          |                 |           |  |
|   | <del>                                     </del> |          |          |               |           |          |           |          |          | Cancelled    |                              |            |          |                 |                | '                   |             |             |            |         |                 |       |              | • |               |          | _               |          |                 |           |  |
|   | = Allo   |          |          |               |           |          |           |          |          | ÷            | F                            | Restricted |          |                 |                |                     |             | ı           | Interferen |         | ıce             |       | 0            | Objected                                |               |          |                 |          |                 |           |  |
|   |  |          |          |               |           |          |           |          | L        |              |                              |            |          |                 |                |                     |             |             |            |         |                 |       |              | Ш                                       |               |          |                 |          |                 |           |  |
| 1 | Cla  | aim      | Г        |               |           |          | Date      |          |          |              | Claim                        |            |          |                 | Date           |                     | <del></del> |             |            | 7       | Claim           |       | 1            |   |               | Date     |                 |          |                 |           |  |
|   |  |          |          |               |           |          |           |          |          | 1            | _   _                        |            |          |                 |                |                     |             | $\top \Box$ |            |         |                 |       |              |   |               |          |                 |          |                 |           |  |
|   | Final  | Original | 2/9/05   |               |           |          |           |          |          |              | Final                        |            | Original |                 |                |                     |             |             |            |         |                 | Final | Original     |   |               |          |                 |          |                 |           |  |
|   | u.   | ŏ        | 2        |               |           |          |           |          |          |              | "                            | ·          | ŏ        |                 |                |                     |             |             |            | 1       |                 | L L   | ŏ            |   |               |          |                 |          |                 | l         |  |
|   |  | 1        | V        |               |           | $\Box$   |           |          | $\Box$   |              |                              |            | 51       |                 |                |                     |             |             |            |         |                 |       | 101          |   |               |          |                 |          |                 |           |  |
|   |  | 3        | 1        | _             | $\dashv$  | 4        | 4         | _        | +        | _            | <b> </b>                     |            | 52<br>53 | +               | ╀              | -                   | -           | +           | +          | +       | ┩`╎             |       | 102<br>103   | $\vdash \vdash$                         | +             | +        | $\Box$          | _        | -               |           |  |
|   |  | 4        | 0        | -             | $\dashv$  | +        | -         | $\dashv$ | $\dashv$ | ╁            | ┧┝                           | +          | 54       | +               | ┢              | $\vdash$            | -           | -           | +          | +       | $\dashv$        |       | 103          | ╢                                       | +             | +        | $\vdash$        |          | +               | _         |  |
| Ì |  | 5        | 1        |               |           | 7        |           |          |          |              |                              |            | 55       |                 |                |                     |             |             |            | 1       | ₫:              |       | 105          |   |               |          |                 |          |                 |           |  |
|   |  | 6        | 1        | _             | 4         | 4        |           |          |          | _            | ł                            | 4          | 56       | $\bot$          | $\vdash$       |                     | _           | -           | 4          | $\perp$ | 4               |       | 106<br>107   | $\sqcup$                                | -             | +        | $\sqcup$        | -        |                 |           |  |
|   |  | 7<br>8   | 0        | -             | -         | ᅱ        |           | -        | +        | +            | <del></del>                  |            | 57<br>58 | +               | $\vdash$       | $\vdash$            | $\dashv$    | -           |            | +       | $\dashv$        |       | 107          | H                                       | +             | +        | Н               | +        | +               |           |  |
|   |  | 9        | 0        |               |           |          |           |          |          |              |                              |            | 59       |                 |                |                     |             | T           | 1          | 1       |                 |       | 109          |   |               |          |                 |          |                 |           |  |
|   |  | 10       |          |               |           |          |           |          |          |              |                              |            | 60       |                 |                |                     |             |             | 4          | 4       |                 |       | 110          | Ш                                       | $\perp$       | ₋        |                 | $\perp$  |                 |           |  |
| ŀ |  | 11<br>12 |          | -             |           |          | $\dashv$  |          | -        | +-           | <b> </b>                     | +          | 61<br>62 |                 | -              | H                   | -           | -           | +          | +       | -               |       | 111<br>112   |   |               | +        | $\vdash \vdash$ | -+       | +               | _         |  |
| ŀ |  | 13       |          | 7             |           | -        |           | $\dashv$ | +        | +-           |                              |            | 63       | +               | -              | Н                   |             | +           | $\dashv$   | +       | _               |       | 113          |   | +             | +        |                 | +        | $\dashv \dashv$ |           |  |
|   |  | 14       |          |               |           |          |           |          |          |              |                              |            | 64       |                 |                |                     |             | $\Box$      |            | $\Box$  | $\Box$          |       | 114          |   |               |          |                 |          |                 |           |  |
| ŀ |  | 15<br>16 | $\vdash$ |               | -         | -        | $\dashv$  | -        | $\dashv$ |              | -                            |            | 65<br>66 | +-              | -              |                     | _           | 4           | -          | +       | 4               |       | 115<br>116   | $\vdash$                                | +             | +        | $\vdash \vdash$ | $\dashv$ | +               |           |  |
| ł |  | 17       |          | _             | -         | 7        | ᅥ         | $\dashv$ | $\dashv$ | +            | i                            |            | 67       | +-              | $\vdash$       |                     | _           | $\dashv$    | $\dashv$   | ╁       |                 |       | 117          |   | $\dashv$      | +        | H               | $\dashv$ |                 |           |  |
|   |  | 18       |          |               |           |          |           |          |          |              |                              |            | 68       |                 |                |                     |             |             | 1          |         |                 |       | 118          |   |               | 1.       |                 | $\perp$  |                 |           |  |
| } |  | 19<br>20 | Н        | $\dashv$      | 4         | 4        | -         | $\dashv$ | +        | +            | l ├─                         |            | 69<br>70 | +               | $\vdash$       | Н                   | $\dashv$    | +           | +          | +       | _               |       | 119<br>120   | $\vdash \vdash$                         | +             | +        | $\vdash$        | +        | +               |           |  |
|   |  | 21       |          | $\dashv$      |           | 1        | $\exists$ | $\dashv$ | 十        | +            |                              | +          | 71       | +               |                | $\vdash$            | 7           | $\dashv$    | $\dashv$   | +       | 7               |       | 121          | $\Box$                                  | +             | +        | $\vdash$        | +        | +               |           |  |
| ĺ |  | 22       |          | $\Box$        |           |          |           |          | $\Box$   | ightharpoons |                              |            | 72       | 工               |                |                     |             | $\Box$      | $\perp$    | 1       | ]               |       | 122          |   | $\perp$       |          | П               | $\Box$   |                 |           |  |
| ŀ |  | 23<br>24 |          | $\dashv$      | _         | $\dashv$ | _         | $\dashv$ | +        | +            | <b> </b>                     | +          | 73<br>74 | +               | -              | Н                   | _           | -           | +          | +       | - '             |       | 123<br>124   |   |               | +        | Н               | +        | +               |           |  |
|   |  | 25       |          | $\dashv$      |           | +        | 1         | $\dashv$ | $\dashv$ | +            |                              |            | 75       | +               | H              | H                   | 7           | +           | 十          | +       | -               |       | 125          | $\Box$                                  | +             | +        | $\vdash$        | $\top$   | +               | $\exists$ |  |
|   |  | 26       |          |               |           |          |           |          | $\Box$   |              |                              |            | 76       | $\perp$         |                |                     | $\Box$      | $\Box$      | $\dashv$   | $\bot$  |                 |       | 126          |   | 1             |          |                 |          |                 |           |  |
| } |  | 27<br>28 |          | -             | _         | $\dashv$ |           |          | $\dashv$ |              | ļ.                           |            | 77<br>78 |                 | ├-             | $\vdash$            | $\dashv$    | +           | +          | +       | - 1             |       | 127<br>128   | -                                       | +             | +        | $\vdash$        | -        | +               | $\dashv$  |  |
| • |  | 29       |          | $\dashv$      |           |          | $\dashv$  | -        | +        |              | l                            |            | 79       | +               | <del> </del>   | $\vdash$            | +           | _           | +          | +       | -               |       | 129          |   | $\dashv$      | +        | $\vdash$        | $\dashv$ | +               | $\dashv$  |  |
|   |  | 30       |          |               |           |          |           |          | 1        |              |                              |            | 80       |                 |                |                     |             |             |            |         | <b>-</b>        |       | 130          |   |               |          | П               |          |                 |           |  |
| ļ |  | 31<br>32 |          | _             | -         | _        | $\dashv$  | -        | +        | +            | ŀ                            |            | B1<br>B2 | +               | ┝              | $\vdash$            | $\dashv$    | 4           | +          | +       | -               |       | 131<br>132   | $\vdash$                                | +             | +        | $\vdash$        |          | +               | $\dashv$  |  |
| Ì |  | 33       |          |               | $\dashv$  | $\dashv$ | $\dashv$  | -+       | +        | ╁╴           | l                            |            | B3       | +               | <del>  -</del> | H                   | _           | $\dashv$    | +          | +       | -               |       | 133          |   | +             | ╁        | $\vdash$        | +        | +               | $\dashv$  |  |
|   |  | 34       |          |               |           |          | $\Box$    |          | 1        |              |                              | 1          | B4       | 1               |                | Ш                   | $\Box$      |             | 1          |         |                 |       | 134          |   |               |          |                 |          |                 |           |  |
| } |  | 35<br>36 | Н        |               | $\dashv$  | $\dashv$ | $\dashv$  | +        | _        | _            | <b>├</b>                     |            | 85<br>86 | -               | ┝              | Н                   | _           | $\dashv$    | +          | +       | -               |       | 135<br>136   | $\vdash$                                | _             | +        | $\vdash$        | -        |                 | $\vdash$  |  |
| } |  | 37       | Н        |               | $\dashv$  | $\dashv$ | -         | $\dashv$ | +        | +            |                              |            | B7       | +               | $\vdash$       | Н                   | _           | $\dashv$    | +          | +       | ⊣ !             |       | 137          | Н                                       | +             | +-       | $\vdash$        | $\dashv$ | +               | $\dashv$  |  |
|   |  | 38       |          |               |           |          |           |          | $\top$   |              |                              | 1          | 88       |                 |                |                     |             |             |            |         | ]               |       | 138          |   |               |          |                 |          |                 |           |  |
| - |  | 39<br>40 | $\vdash$ | -             | $\dashv$  | 4        | _         | _        | +        | +            | _                            |            | 39<br>90 | -               | ┡              | $\vdash \downarrow$ | $\dashv$    | 4           | +          | +       | վ               |       | 139<br>140   |   | _             | +        | $\vdash \vdash$ | 4        | +               | $\sqcup$  |  |
| } |  | 41       | $\vdash$ | -             | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | +        | +            | $\mid \mid \vdash \mid$      |            | 90       | +               | +-             |                     | $\dashv$    | $\dashv$    | +          | +       | $\dashv \mid$   |       | 141          | $\vdash$                                | $\dashv$      | +        | $\vdash \vdash$ | +        | ╁               | $\dashv$  |  |
| į |  | 42       |          |               |           |          |           |          | $\perp$  |              |                              | 1          | 92       |                 |                |                     | コ<br>コ      |             |            | 1       | ╛╽              |       | 142          |   |               |          |                 | $\top$   |                 |           |  |
| [ |  | 43<br>44 | Ц        | _             | $\dashv$  | _[       | $\dashv$  | -        | 1        |              |                              |            | 93<br>94 | - -             | F              | oxdot               | _           | 1           | 1          | $\perp$ | -               |       | 143<br>144   | igspace                                 | $\perp$       | $\vdash$ | $\prod$         | $\dashv$ | +1              | $\dashv$  |  |
| } |  | 45       | H        | $\dashv$      | -+        | $\dashv$ | +         | +        | +        | +            | -                            |            | 94       | +-              | $\vdash$       | $\vdash \vdash$     | $\dashv$    | $\dashv$    | +          | +       | ┨╏              |       | 144          | $\vdash$                                | $\dashv$      | +        | $\vdash$        | +        | +               | $\dashv$  |  |
| ļ |  | 46       |          |               |           |          |           |          | 土        |              |                              | !          | 96       |                 |                |                     |             | 士           |            | 士       | ן [             |       | 146          |   |               |          | 口               | 土        |                 |           |  |
| ſ |  | 47<br>48 |          | $\overline{}$ | 1         | $\dashv$ | $\dashv$  |          | $\bot$   |              |                              |            | 97       | $\bot$          | L              | $\Box$              | 4           | $\bot$      | $\perp$    | 1       | 4               |       | 147          | $oxed{\Box}$                            |               | $\perp$  | H               | $\bot$   | +1              | $\Box$    |  |
| ŀ |  | 48       |          | $\dashv$      | +         | +        | $\dashv$  | +        | +        |              |                              |            | 98<br>99 | +               | $\vdash$       | $\vdash$            | $\dashv$    | $\dashv$    | $\dashv$   | +       | $+$ $\parallel$ |       | 148<br>149   | $\vdash$                                | +             | +        | ╟┼              | +        | +-              |           |  |
| Ì |  | 50       |          |               | $\exists$ | 7        |           |          | $\pm$    |              |                              | 1          | 00       |                 | <u> </u>       |                     | 士           |             | 士          |         | _               |       | 150          |   |               | 上        | 世               | 士        |                 |           |  |